Listing of the Claims as Amended

Please amend the claims to read as follows:

1-20 (previously canceled).

21 (currently amended). A method for processing financial instruments compris-
ing a representation of said instrument and at least one ~~processor~~ processing
object that defines the processing to be performed for a plurality of event
types, wherein said representation comprises a static representation and an
event representation of said instrument and said at least one ~~processor~~ proc-
essing object performs said processing by acting upon the events of said
event representation, and wherein said representation is specified independ-
ently from said at least one ~~processor~~ processing object .

22 (previously amended). The method of claim 21, wherein said static
representation further comprises said instrument's inputs, the
relationships of said inputs with each other, and how said
relationships combine to produce a series of financial event streams.

23 (previously amended): The method of claim 22, wherein a second
processor acts upon said static representation and a set of instrument
parameters in order to generate said event representation, and
wherein said second processor is specified independently of the
specification of said static representation.

24 (previously canceled).

25 (previously amended). The method of claim 21, wherein said
processing is implemented via a double dispatch mechanism.

26 (previously amended). The method of claim 23, wherein said
processing is implemented via a double dispatch mechanism.

27 (previously amended). The method of claim 21, wherein said
processing is implemented via polymorphism.

28 (previously amended). The method of claim 23, wherein said
processing is implemented via polymorphism.

29 (previously amended). The method of claim 21, wherein a plurality of processors may be utilized to provide alternate methods of performing a type of processing upon said instrument without changing the representation of said instrument.

30 (previously amended). The method of claim 21, wherein said event representation is composed from a set of sets of primitives

31 (previously amended). The method of claim 23, wherein said static representation is composed from a set of primitives.

32 (previously amended). A system comprising at least one digital computer, storage means and input-output peripheral means, adapted so as to perform the processing of financial instruments in accordance with any of the methods of claims 21-23 or 25-31.

33 (previously amended). A machine-readable medium for storing a computer program on which there has been recorded a program for adapting a computer to carry out any of the methods of claims 21-23 or 25-31.